

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING
AUTHORITY (SEPARATE SHEET)**

International application No.

PCT/IL2005/000164

Re Item III**Non-establishment of opinion with regard to novelty, inventive step and industrial applicability**

No examination has been carried out for claim 31 because no search has been performed for this claim due to lack of technical features.

Re Item V**Reasoned statement with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

- 1 The following objection will be raised in the present communication:

The application does not meet the requirements of Article 6 PCT, because claim 32 is not clear.

- 2 Reference is made to the following document:
D1: US5829643 A

- 3 The application does not meet the requirements of Article 6 PCT, because claim 32 is not clear.

Some of the features in the apparatus claim 32 relate to a method of using the apparatus rather than clearly defining the apparatus in terms of its technical features. The intended limitations are therefore not clear from this claim, contrary to the requirements of Article 6 PCT.

- 4 The document D1 is regarded as being the closest prior art to the subject-matter of independent claim 1, and shows (the references in parentheses applying to this document) a handheld defense weapon comprising a hand grip portion (20) fitted at a

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Box No. V Reasoned statement under Rule 43b/s.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Yes: Claims	1-30,32-36
	No: Claims	
Inventive step (IS)	Yes: Claims	1-30,32-36
	No: Claims	
Industrial applicability (IA)	Yes: Claims	1-30,32-36
	No: Claims	

2. Citations and explanations

see separate sheet

Re Item III

Non-establishment of opinion with regard to novelty, inventive step and industrial applicability

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Re Item V

Reasoned statement with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

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step.

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 158412.7 IL	FOR FURTHER ACTION		see Form PCT/ISA/220 as well as where applicable item 5 below.
International application No PCT/IL2005/000164	International filing date (day/month/year) 10/02/2005	(Earliest) Priority Date (day/month/year) 11/02/2004	
Applicant TAL, Sapir			

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 6 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report

1. Basis of the report

a With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23 1(b)).

b ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I

2 ☐ Certain claims were found unsearchable (See Box II).

3 ☐ Unity of invention is lacking (see Box III).

4 With regard to the title,

☒ the text is approved as submitted by the applicant

☐ the text has been established by this Authority to read as follows:

5 With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38 2(b), by this Authority as it appears in Box No. IV. The applicant may within one month from the date of mailing of this international search report, submit comments to this Authority

6 With regard to the drawings,

a. the figure of the drawings to be published with the abstract is Figure No 1A

☒ as suggested by the applicant

☐ as selected by this Authority because the applicant failed to suggest a figure

☐ as selected by this Authority because this figure better characterizes the invention

INTERNATIONAL SEARCH REPORT

International Application No

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F41B15/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F41B B25D F41H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and where practical search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document with indication where appropriate of the relevant passages	Relevant to claim No.
A	US 5 829 643 A (ISABELLA ET AL) 3 November 1998 (1998-11-03) abstract column 1, lines 25-27, 57-61 column 3, line 61 - column 4, line 53 figures 1, 5, 7	1
A	EP 0 484 891 A (ASHIHARA) 13 May 1992 (1992-05-13) abstract figure 1	
A	US 5 509 708 A (NATHAN ET AL) 23 April 1996 (1996-04-23) abstract column 1, line 53 - column 2, line 10 figure 1	
	----- -/-	

☒ Further documents are listed in the continuation of box C☒ Patent family members are listed in annex

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

Z document member of the same patent family

Date of the actual completion of the international search

19 May 2005

Date of mailing of the international search report

27/05/2005

Name and mailing address of the ISA

European Patent Office P B 5818 Patentlaan 2

NL - 2220 HV Rijswijk

Authorized officer

INTERNATIONAL SEARCH REPORT

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document with indication where appropriate of the relevant passages	Relevant to claim No
A	US 4 096 629 A (LEVINE ET AL) . 27 June 1978 (1978-06-27) abstract figures 1-3 -----	
A	WO 90/07959 A (WILKINS,) 26 July 1990 (1990-07-26) abstract page 3, lines 15,16 figures 1,2,5 -----	

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.2

Claims Nos.: 31

Lack of technical features

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☒ Claims Nos.: 31
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
see FURTHER INFORMATION sheet PCT/ISA/210
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6 4(a)

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application as follows:

1. ☐ As all required additional search fees were timely paid by the applicant this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IL2005/000164

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5829643	A	03-11-1998	NONE	
EP 0484891	A	13-05-1992	JP 4177096 A AU 8566991 A CA 2052972 A1 EP 0484891 A2 MX 9101881 A1 ZA 9108067 A	24-06-1992 14-05-1992 09-05-1992 13-05-1992 08-07-1992 26-08-1992
US 5509708	A	23-04-1996	IL 106712 A DE 4428962 A1 GB 2281691 A , B	13-07-1997 23-02-1995 15-03-1995
US 4096629	A	27-06-1978	NONE	
WO 9007959	A	26-07-1990	AU 4071189 A WO 9007959 A1	13-08-1990 26-07-1990